

PRION PROTEIN DIAGNOSTIC AND REMOVAL SYSTEMS

ABSTRACT

5 Ligands that bind to prion proteins and methods for using the ligands for detecting or
removing a prion protein from a sample, such as a biological fluid or an environmental
sample. The ligands are capable of binding to one or more forms of prion protein including
cellular prion protein (PrP_c), infectious prion protein (PrP_{Sc}), and recombinant prion protein
(PrP_r). Prions from various species, including humans and hamsters, are bound by the
ligands. Also provided is a method of treating or retarding the development of a prion-
10 associated pathology in a subject

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